

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (amended): A folding electronic device comprising:

a body;
an upper housing portion disposed on the body in a manner such that the upper housing portion rotates between a closed position and an open position;
a transmitting member disposed between the body and the upper housing portion in a manner such that the transmitting member rotates between a first position and a second position, wherein the upper housing portion rotates along with the transmitting member;
a first elastic member disposed between the transmitting member and the body so as to rotate the transmitting member to the second position; and
a sliding member disposed in the body in a manner such that the sliding member rotates moves between a third position and a fourth position so as to rotate the transmitting member, wherein the sliding member is engaged with the transmitting member located in the first position when the sliding member is located in the third position, and the sliding member is disengaged from the transmitting member so that the transmitting member rotates to the second position by the first elastic member and the upper housing portion rotates to the open position from the closed position when the sliding member is moved to the fourth position from the third position.

Claim 2 (original): The electronic device as claimed in claim 1, further comprising:
a second elastic member disposed in the body so as to maintain the sliding member at the third position.

Claim 3 (original): The electronic device as claimed in claim 2, wherein the elastic force of the second elastic member exceeds that of the first elastic member.

Claim 4 (original): The electronic device as claimed in claim 2, wherein the second elastic member is a compression spring.

Claim 5 (original): The electronic device as claimed in claim 2, wherein the body includes a first receiving portion for receiving the second elastic member.

Claim 6 (original): The electronic device as claimed in claim 2, wherein the sliding member includes a first protrusion inserting into the second elastic member so that the second elastic member returns the sliding member to the third position.

Claim 7 (original): The electronic device as claimed in claim 1, wherein the body comprises:
a first case on which the first elastic member is fixed; and
a second case combined with the first case.

Claim 8 (original): The electronic device as claimed in claim 7, wherein the first case includes a second receiving portion for receiving the transmitting member and the first elastic member.

Claim 9 (original): The electronic device as claimed in claim 7, wherein the first case includes a first groove in which the first elastic member is disposed.

Claim 10 (original): The electronic device as claimed in claim 7, wherein each of the first case and the second case includes a concave portion corresponding to the sliding member respectively so that the sliding member slides in the concave portion.

Claim 11 (original): The electronic device as claimed in claim 10, wherein the sliding member is formed with a slot corresponding to the concave portion.

Claim 12 (original): The electronic device as claimed in claim 1, wherein the upper housing portion includes a second protrusion, the transmitting member includes a first notch corresponding to the second protrusion, and the transmitting member rotates the upper housing portion by way of the second protrusion engaging the first notch.

Claim 13 (original): The electronic device as claimed in claim 1, wherein the transmitting member includes a second notch, the sliding member includes a third protrusion, and the sliding member engages with the transmitting member by way of the third protrusion abutting the second notch.

Claim 14 (original): The electronic device as claimed in claim 1, wherein the transmitting member includes a second groove in which the first elastic member is fixed.

Claim 15 (original): The electronic device as claimed in claim 1, wherein the first elastic member is a torsional spring.

Claim 16 (original): The electronic device as claimed in claim 1, wherein the electronic device is a mobile phone.

Claim 17 (new): A folding electronic device comprising:
a body;
an upper housing portion disposed on the body and rotatable between a closed position and an open position;
a transmitting member disposed between the body and the upper housing portion and rotatable between a first position and a second position, wherein the transmitting member and the upper housing portion are arranged such that the upper housing portion is rotated along with the transmitting member, and the upper housing portion is in the closed position when the transmitting member is in the first position, and the upper housing portion is in the open position when the transmitting member is in the second position;
a first elastic member disposed between the transmitting member and the body and biased to rotate the transmitting member to the second position; and
a sliding member disposed in the body and slidable between a third position and a fourth position, wherein the sliding member and transmitting member are arranged such that the sliding member is engaged with the transmitting member when the transmitting member is located in the first position while the sliding member is located in the third position, the movement of the sliding member from the third position to the fourth position presses the

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transmitting member to rotate from the first position to an intermediate position between the first position and the second position, and the sliding member is disengaged from the transmitting member when the sliding member reaches the fourth position such that the transmitting member is rotated from the intermediate position to the second position by the first elastic member.